

PROLIAD

LED LIGHTING

Light quality:



Color temperature:



Output: 1450 lm

Peak: 4095 cd

Power: 21,2 W

PF: 0,83

2 PLANES



Product name:

Inn-Ground 363 20 graden afbuig

Date and time:

2-10-2020 9:26:21

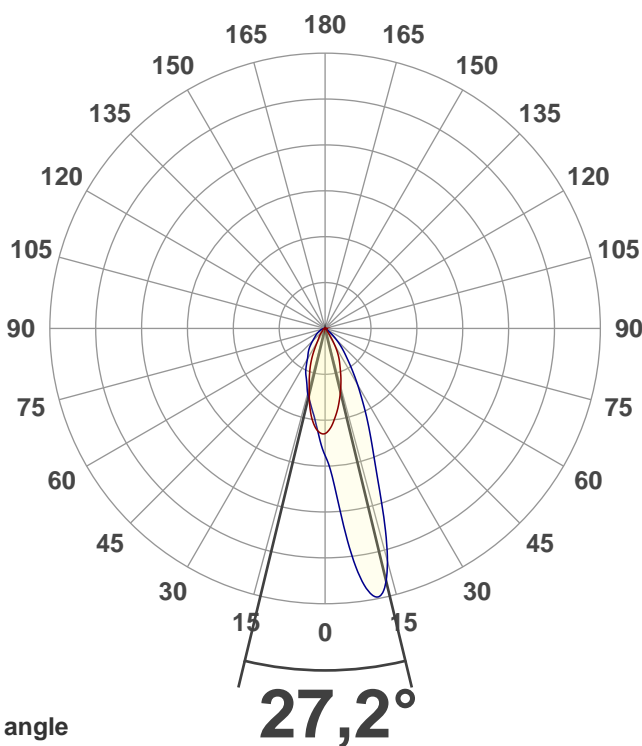
Item number:

900 000363

Additional information:

-XTM19803020CCA

-70mm 20 graden afbuig



Beam angle

Color

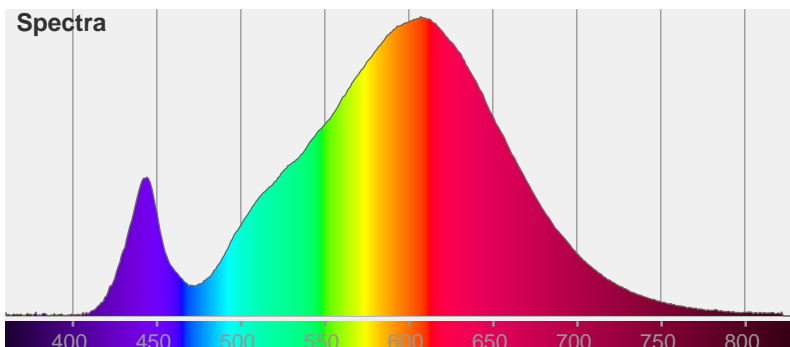


CIE1931

x: 0,447

y: 0,411

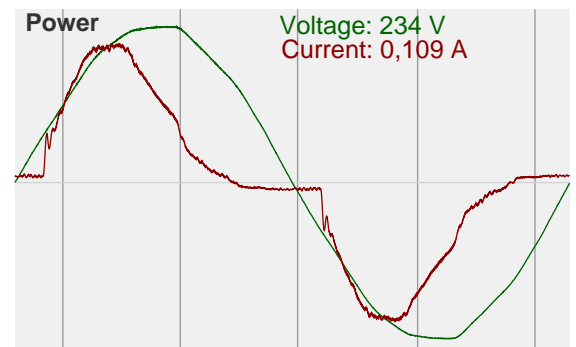
Spectra

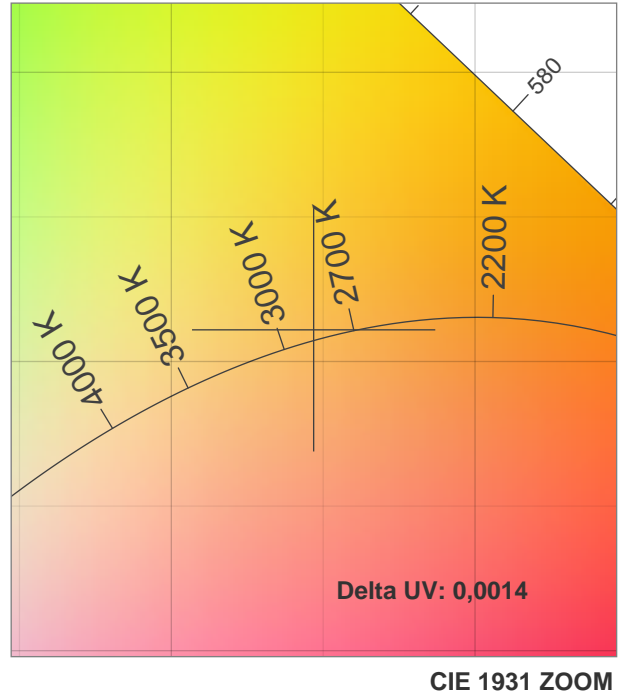
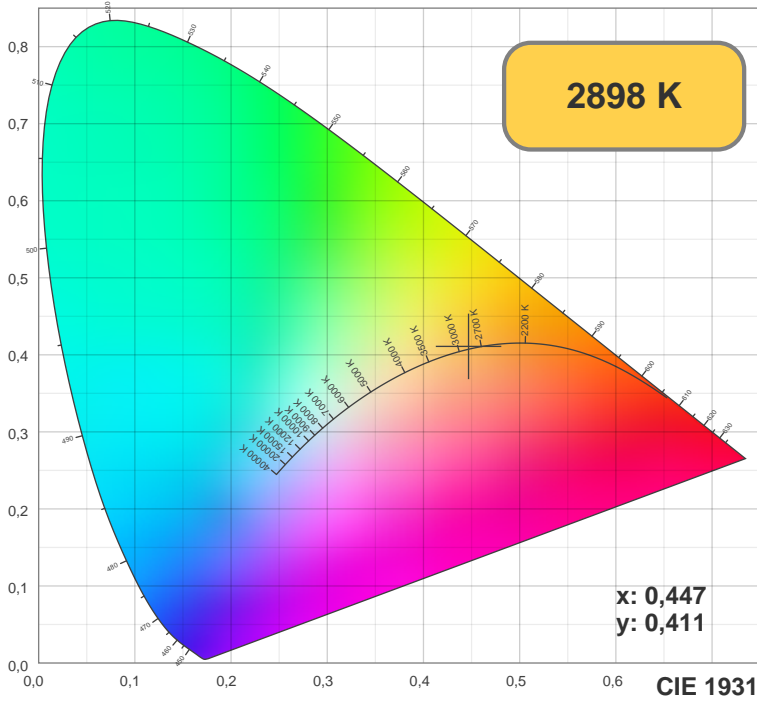


Power

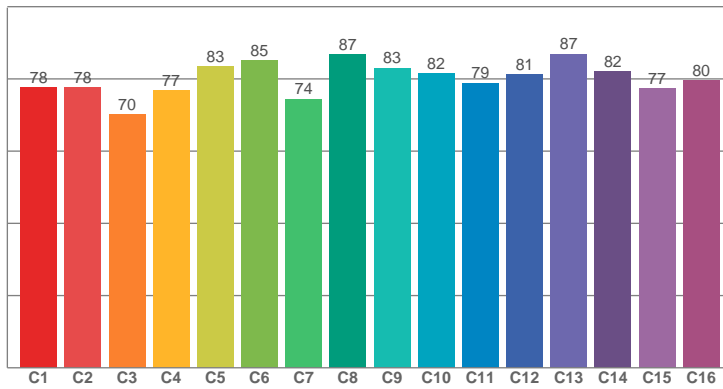
Voltage: 234 V

Current: 0,109 A

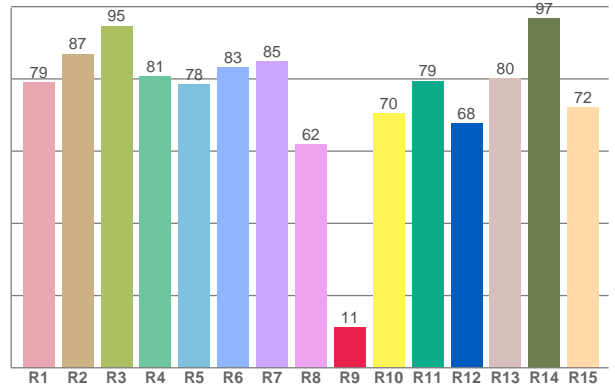




TM30: 79,9



CRI: 81,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78,96	86,93	94,68	80,78	78,44	83,11	84,82	61,90	11,23	70,48	79,41	67,72	80,13	96,68	72,17

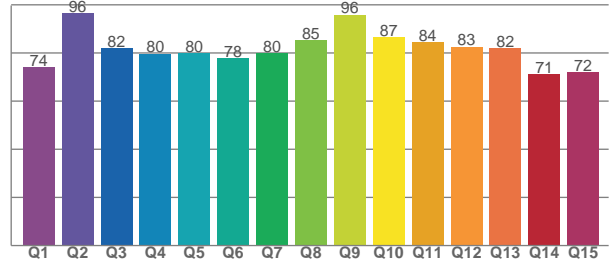
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,67	77,62	70,14	76,87	83,36	85,07	74,42	86,69	83,07	81,55	78,86	81,28	86,91	82,05	77,41	79,68

CQS Q values

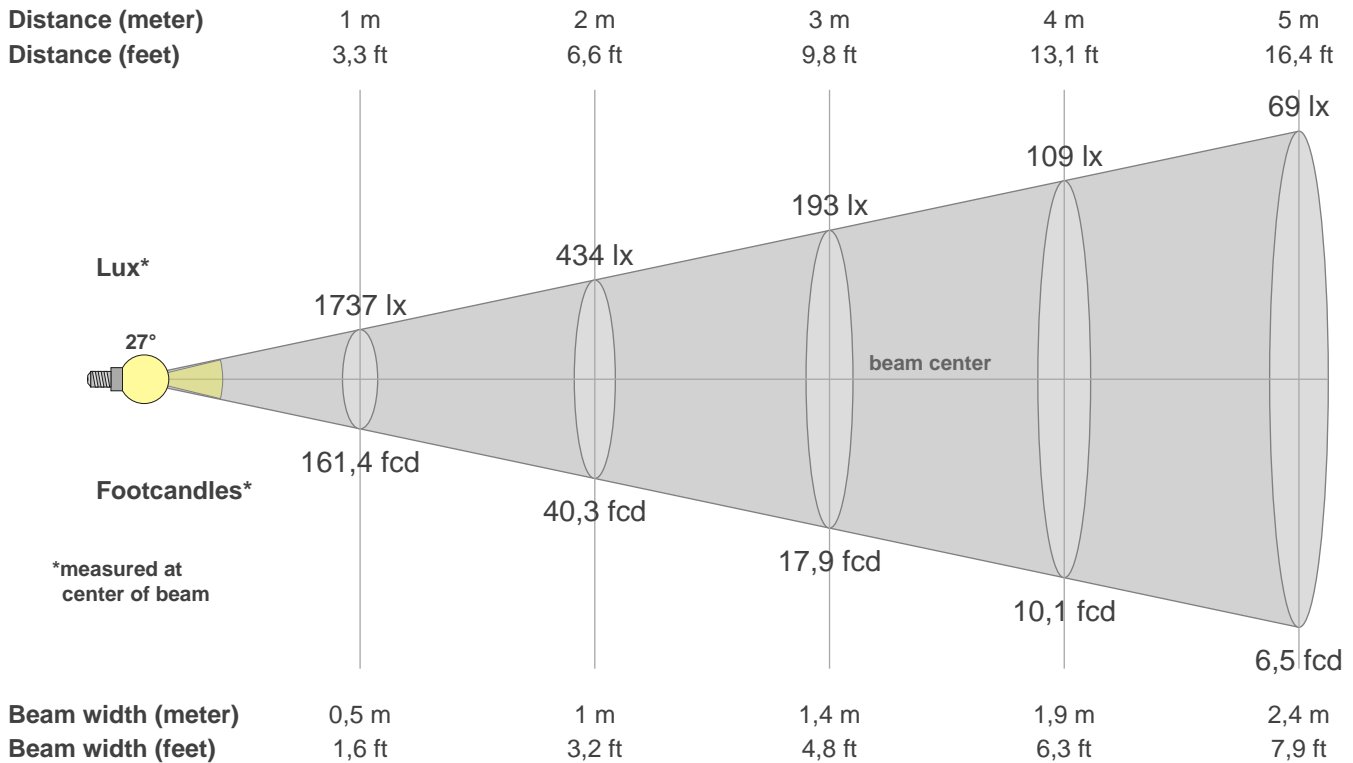
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,99	96,38	82,10	79,70	80,00	77,86	80,09	85,37	95,92	86,52	84,34	82,61	82,09	71,04	71,99

CQS: 80,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2898 K	81,2	11,2	79,9	98,6	80,5	0,4	0,4	0,3	0,4	0,0014



Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1737	1528	1454	1359	1263	1161	1057	956	859	764	671	591	523	452	374	289	205	130	77	52
100%	88%	84%	78%	73%	67%	61%	55%	49%	44%	39%	34%	30%	26%	22%	17%	12%	8%	4%	3%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1737	2099	2531	3187	3741	4049	4055	3813	3336	2734	2227	1874	1602	1362	1150	976	819	686	573	486
100%	121%	146%	183%	215%	233%	233%	219%	192%	157%	128%	108%	92%	78%	66%	56%	47%	40%	33%	28%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1737	1573	1538	1473	1379	1261	1125	983	865	762	668	578	487	393	305	234	191	165	145	124
100%	91%	89%	85%	79%	73%	65%	57%	50%	44%	38%	33%	28%	23%	18%	13%	11%	10%	8%	7%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1737	1735	1549	1399	1282	1190	1110	1043	966	881	815	763	713	650	587	531	487	455	423	390
100%	100%	89%	81%	74%	68%	64%	60%	56%	51%	47%	44%	41%	37%	34%	31%	28%	26%	24%	22%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,2°	72,4°	108,6°	93,4%	85,7%